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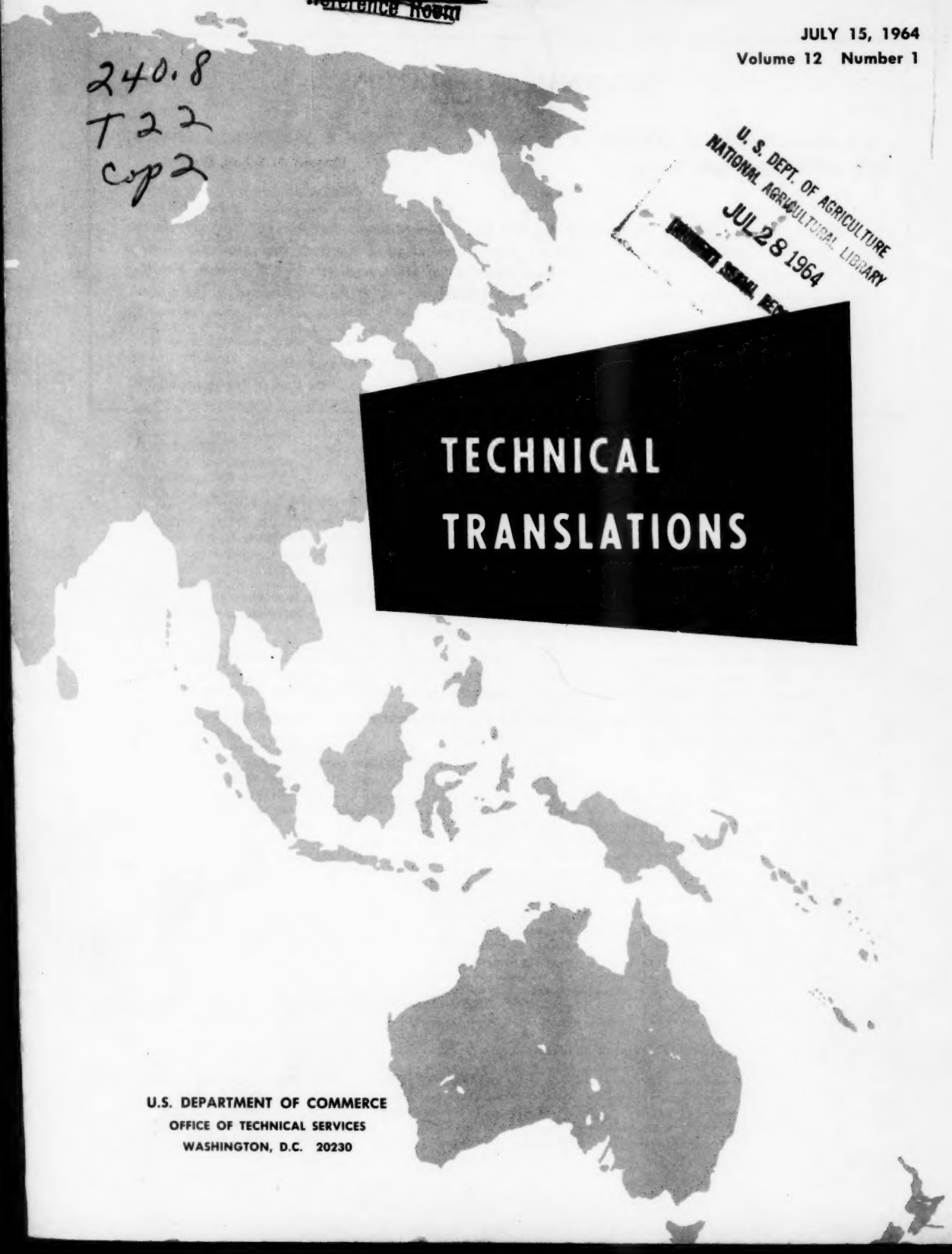

TECHNICAL TRANSLATIONS

U.S. DEPARTMENT OF COMMERCE
OFFICE OF TECHNICAL SERVICES
WASHINGTON, D.C. 20230

TECHNICAL TRANSLATIONS

U.S. DEPARTMENT OF COMMERCE
Luther H. Hodges, Secretary

OFFICE OF TECHNICAL SERVICES
Donald A. Schon, Director

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Hollywood,
California 90046

AGI
AGI Translations Office
American Geological Institute
2101 Constitution Ave., N. W.
Washington, D. C. 20000

AGS
American Geographical Society
Broadway at 156th Street
New York, New York 10032

AGU
American Geophysical Union
1515 Massachusetts Ave., N. W.
Washington, D. C. 20005

AIAA
American Institute of Aeronautics & Astronautics
500 Fifth Avenue
New York, New York 10036

AIBS
American Institute of Biological Sciences
2000 P Street, N. W.
Washington, D. C. 20006

AIP
American Institute of Physics
335 East 45th Street
New York, New York 10017

AIS
Argus Information Service
624 N. Eutaw Street
Baltimore, Maryland 21201

AM
Acta Metallurgica
122 East 55th Street
New York, New York 10022

AMS
American Mathematical Society
190 Hope Street
Providence, Rhode Island 02906

ANSP
Academy of Natural Sciences of Philadelphia
19th St. & The Parkway
Philadelphia, Pennsylvania 19103

API
Academic Press, Inc.
111 Fifth Ave.,
New York, New York 10003

ARS
American Rocket Society, Inc.
20th and Northampton Streets
Easton, Pennsylvania 18042

ATS
Associated Technical Services, Inc.
P. O. Box 271
East Orange, New Jersey 07017

BGIRA
British Glass Industry Research Association
Northumberland Road
Sheffield 10, England

BIHR
Circulation Manager
Translations of the Beltone Institute for Hearing Research
2900 West 36th Street
Chicago, Illinois 60632

BISI
British Iron & Steel Industry Translation Service
The Iron and Steel Institute
4, Grosvenor Gardens
London, S. W. 1, England

BWRA
British Welding Research Association
Abington Hall, Abington
Cambridge, England

CB
Consultants Bureau Enterprises Inc.
227 West 17th Street
New York, New York 10011

CCT
Consultants Custom Translations Inc.
227 West 17th Street
New York, New York 10011

CHP
Cleaver-Hume Press, Ltd.
31, Wright's Lane
London, W. 8, England

CID
Centro de Informacion y Documentacion
Patronato Juan de la Cierva,
Serrano 150, Apartado 743,
Madrid 6, Spain

CIDNT
Centralny Instytut Dokumentacji Naukowo-Technicznej
Warszawa 12
Aleja Niepodleglosci 188
Poland

CNP
Comitato Nazionale per la Produttivita
Service d'Information
Viale Regina Margherita N. 83D
Rome, Italy

CNRS
Centre National de la Recherche Scientifique
Centre de Documentation
15 Quai Anatole France
Paris 7, France

CSIRO
Commonwealth Scientific and Industrial Research Organization
Information Service
314 Albert Street
East Melbourne C. 2, Victoria
Australia

CTRA
The Librarian
The Coal Tar Research Association
Oxford Road
Gomersal, Leeds, England

CTS (Chem)
Chemical Translating Service
2243 Greer Road
Palo Alto, California 94300

CTT
Columbia Technical Translations
5 Vermont Avenue
White Plains, New York 10600

DI
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Department of the Interior
Central Library
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DTC
Danish Translations Centre,
c/o Library of the Danish Atomic Energy Commission,
Riso. Roskilde, Denmark

EIS
Engineering Information Services
Kirkham, Preston, Lancashire,
England

ES
Erica Stux
584 Moreley Avenue
Akron, Ohio 44320

ETC
European Translations Centre
Doelenstraat 101, Delft,
The Netherlands

FASEB
Federation of American Societies for Experimental Biology
9650 Wisconsin Avenue
Washington, D.C. 20014

FRI
Fulmer Research Institute, Ltd.
Stoke Poges,
Buckinghamshire,
England

FT
Faraday Translations
15 Park Row
New York, New York 10038

GB
Gordon and Breach
Publishers, Inc.
150 Fifth Avenue
New York, New York 10011

GPO
Superintendent of Documents
Government Printing Office
Washington, D.C. 20402

GPRC
Geophysical & Polar Research Center
6021 S. Highland Road
Madison, Wisconsin 53706

HB
Henry Brutcher
P.O. Box 157
Altadena, California 91001

HMSO
Her Majesty's Stationery Office
P.O. Box 569
London, S.E. 1, England

HTCBN
Hungarian Trading Company for Books and Newspapers "Kultura"
Budapest 62, P.O. Box 149

ICE
International Chemical Engineering
345 East 47th Street
New York, New York 10017

IEEE
Institute of Electrical & Electronics Engineers
275 Madison Avenue
New York, New York 10016

INFOSERV
Infoserv
P. O. Box 217
West Hartford, Connecticut 06097

INT
International Patent Service N. V.
P. O. Box 101
's-Hertogenbosch,
The Netherlands

IP
Interscience Publishers, Inc.
250 Fifth Avenue
New York, New York 10001

IPST
Israel Program for Scientific Translation
14 Shammai Street
P. O. Box 7145
Jerusalem, Israel

ISA
Instrument Society of America
530 William Penn Place
Pittsburgh, Pennsylvania 15219

K-H
Kresge-Hooker Science Library Associates
Wayne State University
Detroit, Michigan 48202

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Pacific Missile Range
Point Mugu, California 95468

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Literature Service Associates
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Bound Brook, New Jersey 08805

MACL
Maclaren and Sons, Ltd.
Maclaren House
131 Great Suffolk Street
London, S.E. 1, England

MACM
Macmillan Co.
60 Fifth Avenue
New York, New York 10011

MDF
Morris D. Friedman
7553 Waterford Drive
San Jose, California 95129

MT
M. de O. Tollemache
Pennyford Cottage,
Burrington,
Umberleigh, Devon, England

MUL
Mulholland Engineering Translations
26 Burton Woods Lane
Cincinnati, Ohio 45229

NASA
National Aeronautics & Space Administration
1520 H Street, N. W.
Washington, D. C. 20546

NRCC
National Research Council Library
Ottawa 2, Canada

OB
Oliver & Boyd, Ltd.
Tweeddale Court
14 High Street
Edinburgh 1, Scotland

OSA
Optical Society of America, Inc.
33 University Road
Cambridge, Massachusetts 02138

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(Also available through Department of Commerce Field Offices)

PERA
The Information Manager
Production Engineering Research Association
Melton Mowbray
Leicestershire, England

PLP
Plenum Press, Inc.
227 West 17th Street
New York, New York 10011

PP
Pérgamon Press
122 East 55th Street
New York, New York 10022

PS
Primary Sources
11 Bleecker Street
New York, New York 10012

RIA
Research International Associates
1522 Connecticut Avenue, N. W.
Washington, D. C. 20006

RIS
Research Information Service
Div. of Maxwell Scientific International, Inc.
122 East 55th Street
New York, New York 10022

RIS
Research Information Service
Div. of Pergamon International Corp.
122 East 55th Street
New York, New York 10022

SA
Seizaburo Aoki
1069 Minami Nakadori 2-chome
Fujisawa, Japan

SIAM
Business Manager
SIAM Publications
Box 7541
Philadelphia, Pennsylvania 19100

SIC
Scientific Information Consultants Limited
661 Finchley Road
London N. W. 2, England

SLA
SLA Translations Center
The John Crerar Library
35 West 33rd Street
Chicago, Illinois 60616

ST
Scripta Technica, Inc.
1000 Vermont Avenue, N. W
Washington, D. C. 20005

STS
Scientific Translation Service
1938 Verdugo Knolls Drive
Glendale, California 91200

STT
SCIENTECH, Scientific & Technical Translations
P. O. Box 3530
Cleveland, Ohio 44118

TF
Taylor & Francis Ltd.
Red Lion Court, Fleet Street
London, E. C. 4, England

TDL
Mr. John Wiley
Technical Development Laboratories
P. O. Box 769
Savannah, Georgia 31400

TIB
Technische Informationsbibliothek
Am Welfengarten 1,
Hannover, West Germany

TIC
Technical Information Company
Patents Department
Chancery House
Chancery Lane
London, W. C. 2, England

TTIS
Translation & Technical Information Services
32 Manaton Road
London, S. E. 15, England

WBI
Warren Birkenhead, Inc.
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Seattle, Washington 98101
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Volume 12, Number 1 | Pages 1 - 46 | July 15, 1964

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Contract NOw62-0604-c
Order from OTS $1.00 TT-64-11573

AGRICULTURE

USSR AGRICULTURAL EQUIPMENT IN 1964.
11 Feb 64, 3p JPRS: 23191 (p. 11-13).
Order from OTS $0.75 in TT-64-21542 (p. 11-13)

Trans. from Turkmenskaya Iskra (USSR) 1964, 10 Jan, p. 1.

USSR INDUSTRIAL DEVELOPMENT: SOVIET TRACTORS AND AGRICULTURAL MACHINERY NO. 114.
11 Feb 64, 25p JPRS: 23191.
Order from OTS $0.75 TT-64-21542

Trans. of 7 selected articles from Nov 63-Jan 64 issues of various Russian journals and newspapers.

Separate entries have been prepared for 4 articles.

USSR INDUSTRIAL DEVELOPMENT: SOVIET TRACTORS AND AGRICULTURAL MACHINERY NO. 122.
2 Apr 64, 24p JPRS: 23994.
Order from OTS $0.75 TT-64-21966

Trans. of 5 articles from Jun 63-Jan 64 issues of 3 Russian journals.

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Stetsenko, G. I.
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Animal Husbandry

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Plant Cultivation

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Trans. of Institut Experimental [du] Tabac. Annales (France) 1951, v. 1, no. 2, p. 36-54.

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THE INFLUENCE OF LIMESTONE ON PLANT NUTRITION (Sur l'Influence du Calcaire sur la Nutrition Végetale). [1963] 27p 22refs
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Elagin, I. N.
RAISING HYBRID BUCKWHEAT SEEDS (Vyrashchivanie Gibridnykh Semyan Grechikhi). 31 Mar 64, 7p
Trans. A-1440.
Order from OTS, SLA, or ETC $1.60 TT-64-15321

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ON SOME EXPERIMENTS ON RAISING A NICOTINEFREE TOBACCO PLANT. [1964] 15p
Order from K-H $9.00 K-H-892-e

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Heursel, J. and Baets, A. de.
A STUDY OF THE GROWTH OF TOBACCO LEAVES. [1963] 17p
Order from SLA $1.60 TT-64-14720

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Hitier, H. and Izard, C.
APPLICATION OF GROWTH-SUBSTANCES TO THE CULTURE OF TOBACCO. [1964] 37p
Order from K-H #22.20 K-H-2318-d

Trans. of Institut Experimental du Tabac. Annales (France) 1951, v. 1, May, p. 97-125.

Ivanovskii, D. I.
TWO DISEASES OF TOBACCO. [1964] 25p
Order from K-H $15.00 K-H-2018-b

Trans. of Akademiya Nauk SSSR. Izvestiya. Ser[iya] Biol[ogicheskaya] 1950, no. 6, p. 30-41.

Tkachenko, F. A.
HETEROSIS AND ITS SIGNIFICANCE FOR THE DEVELOPMENT OF VEGETABLE-CROP BREEDING (A SURVEY OF LITERATURE). 21 Apr 64, 11p 18refs Trans. A-1443.
Order from OTS, SLA, or ETC $1.60 TT-64-15318

Trans. of Botanicheskii Zhurnal (USSR) 1964, v. 49, no. 2, p. 280-286.

Veselovskii, I. A., Veselovskaya, M. A., and Kozhevnikova, N. N.
METHODS OF PRODUCING HETEROSIS-MANIFESTING SEEDS [AND] METHODS OF PRODUCTION OF VEGETATIVE HYBRIDS. 17 Apr 64, 9p Trans. A-1445.
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Trans. of mono. Praktikum po Selektsii i Semanovodstvu Ovoshchnykh Kul'tur (Practicum on Selection and Seed Growing for Vegetable Crops) Leningrad, 1963, p. 24-32.

BEHAVIORAL SCIENCES

Pinillos, Jose L. and Brengelmann, Johannes C.
PICTURE RECOGNITION AS A PERSONALITY TEST (Bilderkennung als Persönlichkeitstest). [1963] [30p] 6refs
Order from SLA $2.60 TT-64-10345

Trans. of Zeitschrift für Experimentelle und Angewandte Psychologie (West Germany) 1953, v. 1, p. 420-500.

BIOLOGICAL SCIENCES

EAST EUROPEAN SCIENTIFIC ABSTRACTS: BIOLOGY AND MEDICINE NO. 55. 24 Apr 64, 15p JPRS: 24339.
Order from OTS $0.50 TT-64-31146

Consists of abstracts of articles from selected scientific and technical journals of Bulgaria, Czechoslovakia, and Rumania.

MEDICAL CONFERENCES IN THE SOVIET UNION. 20 Apr 64, 32p JPRS: 24248.
Order from OTS $1.00 TT-64-31097

Consists of 4 articles from Dec 63-Jan 64 issues of Russian journals.

Separate entries have been prepared for the individual articles.

Duplenko, K. F.
UKRAINIAN CONFERENCE ON THE HISTORY OF MEDICINE (NO. 3) 1963. 20 Apr 64, 8p JPRS: 24248 (p. 20-27).
Order from OTS $1.00 in TT-64-31097 (p. 20-27)

Trans. of Sovetskoe Zdravookhranenie (USSR) 1964 [v. 23] no. 1, p. 86-88.

Grigor'eva, N. N.
ACHIEVEMENTS OF MEDICAL WORKERS REVIEWED. 20 Apr 64, 10p JPRS: 24248 (p. 1-10).
Order from OTS $1.00 in TT-64-31097 (p. 1-10)

Trans. of Sovetskoe Zdravookhranenie (USSR) 1964 [v. 23] no. 1, p. 3-8.

Office of Technical Services, Dept. of Commerce, Washington, D. C.
BIOLOGICAL SCIENCES. PART II: PL-480 TRANSLATION PROGRAM. Feb 64, 12p
OTS Selective Bibliography SB-531
Order from OTS $0.10 OTS SB-531

Anatomy and Physiology

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Order from BISI £ 7 BISI-3535

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Order from OTS, ETC or CID $1.60 TT-63-26704

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Order from OTS, ETC or CID $1.10 TT-63-26800

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Order from OTS, SLA, or ETC $1.10 TT-64-13219

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Order from HB $5.80 HB-6098

Trans. of Izvest[iya] V[ysshikh] U[chebnykh] Z[avedenii]. Chern[aya] Met[allurgiya] (USSR) 1963 [v. 6] no. 9, p. 50-54.

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Order from OTS, SLA, or ETC $1.10 TT-64-13096

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Order from HB $19.60 HB-5910

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EFFECT OF TUBULAR ELECTRODES ON THE THERMAL WORKING OF THE STEELMAKING ARC FURNACE. Feb/Mar 64, 2200words
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INDUSTRIAL-SCALE TRIALS ON INCREASING THE BLAST FURNACE OUTPUT BY CHARGING PELLETS. Feb/Mar 64, 8200words
Order from HB $19.50 HB-6122

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Order from HB $7.80 HB-5857

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Order from BISI £3 BISI-3492

Trans. of Zeitschrift für Metallkunde (West Germany) 1962, v. 53, no. 11, p. 729-735.

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Order from OTS, ETC or CID $1.10 TT-63-26795

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Order from BISI £6 15s BISI-3560

Trans. of Stahl und Eisen (West Germany) 1963, v. 83 [no. 18] p. 1117-1125.

Ferrous Metals

PROBLEMS OF INGOT TEMPERATURES. 5 Feb 64, 18p 5refs JPRS: 23089; N64-15049.
Order from OTS $0.50 TT-64-21489

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii. Chernaya Metallurgiya (USSR) 1963 [v. 6] no. 9, p. 77-87.

Separate entries have been prepared for the individual articles.

USSR INDUSTRIAL DEVELOPMENT: SOVIET FERROUS METALLURGY NO. 183. 10 Apr 64, 18p JPRS: 24131.
Order from OTS $0.50 TT-64-31043

Trans. of 3 selected articles from Jan-Feb 64 issues of 3 Russian journals and 1 excerpt from a 1963 Russian monograph.

A separate entry has been prepared for the mono.

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ON THE DEOXIDATION AND DESULFURIZATION OF LIQUID STEEL BY MEANS OF LITHIUM. Feb/Mar 64, 2200words
Order from HB $6.50 HB-6113

Trans. of Revue de Métallurgie (France) 1963, v. 60, no. 10, p. 845-849.

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VOLATILIZATION OF NICKEL DURING A BLAST-FURNACE HEAT OF MOIST LIMONITES. Mar 64.
Order from BISI £4 5s BISI-3496

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Order from BISI £4 10s BISI-3547 (I + II)

Trans. of Archiv für das Eisenhüttenwesen (West Germany) 1963, v. 34 [no. 3] p. 173-179.

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Trans. of Revue de Métallurgie (France) 1963, v. 60, no. 10, p. 855-858.

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Order from HB $14.70 HB-5872

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See also HB-5764

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SPECTROGRAPHIC DETERMINATION OF NIOBIUM IN STEEL, WITH A SPARK DISCHARGE IN AN ARGON ATMOSPHERE. Feb/Mar 64, 1050words
Order from HB $3.75 HB-6192

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ON THE EMBRITTLEMENT OF STEEL. Feb/Mar 64, 5300words
Order from HB $15.90 HB-6162

Trans. of Hutnik (Czechoslovakia) 1963, v. 13, no. 11, p. 544-547.

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CHANGE IN THE MINERALOGICAL COMPOSITION OF SINTER IN THE COURSE OF ITS REDUCTION. Mar 64.
Order from BISI £2 10s BISI-3599

Trans. of Izvestiya V[ysshikh] U[chebnykh] Z[avedenii]. Chernaya Met[allurgiya] (USSR) 1963 [v. 6] no. 6, p. 27-31.

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Order from HB $2.00 HB-6190

Trans. of #Zavodskaya Laboratoriya (USSR) 1963, v. 29, no. 12, p. 1452.

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THE FUTURE OF THE IRON AND STEEL INDUSTRY. Feb/Mar 64, 9700words
Order from HB $14.50 HB-6076

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Matavina, V. I.
SPECTROGRAPHIC DETERMINATION OF SILICON, MANGANESE AND PHOSPHORUS IN GRAY IRON. Feb/Mar 64, 300words
Order from HB $2.00 HB-6189

Trans. of #Zavodskaya Laboratoriya (USSR) 1963, v. 29, no. 12, p. 1451-1452.

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PHOTOMETRIC DETERMINATION OF CARBON IN STEEL. Feb/Mar 64, 1300words
Order from HB $4.55 HB-6191

Trans. of Tetsu to Hagane (Japan) 1963, v. 49, no. 10, p. 1598-1600.

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Order from HB $2.80 HB-5726

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STUDY OF THE DISCONTINUOUS PRECIPITATION IN CARBON-AND NITROGEN-ALLOYED AUSTENITIC IRON-CHROMIUM-MANGANESE-NICKEL CAST ALLOYS. Mar 64.
Order from BISI £5 15s BISI-3178

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INVESTIGATION OF TEMPERATURE FIELDS IN AN ELECTROSLAG INGOT. 5 Feb 64, 7p 2refs
JPRS: 23089. (p. 1-7).
Order from OTS $0.50 in TT-64-21489 (p. 1-7)

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SOME THERMAL ENGINEERING PROBLEMS OF INGOT SOLIDIFICATION IN ELECTROSLAG REMELTING
5 Feb 64, 11p 3refs JPRS: 23089 (p. 8-18).
Order from OTS $0.50 in TT-64-21489 (p. 8-18)

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THE TEMPERING OF QUENCHED HIGH SPEED STEELS. Mar 64.
Order from BISI £6 15s BISI-3501-I

Trans. of Revue de Métallurgie. Mémoires Scientifiques (France) 1960, v. 57 [no. 11] p. 829-844.

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EFFECT OF ULTRASONIC VIBRATIONS ON THE MECHANICAL PROPERTIES OF 18-4-1 (R18) HIGH-SPEED STEEL. Feb/Mar 64, 1800words
Order from HB $4.70 HB-6179

Trans. of #Metallovedenie i Term[icheskaya] Obrabotka Metallov (USSR) 1964, no. 1, p. 40-44.

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THE MANUFACTURE OF ROLLS OF SPHEROIDAL GRAPHITE CAST IRON WITH INDEFINITE AND PART CHILL ROLLS. Mar 64.
Order from BISI £2 15s BISI-3526

Trans. of Przeglad Odlewnictwa (Poland) 1960, v. 10, no. 9, p. 263-266.

Richard, K. and Petrich, G.
THE IMPORTANCE OF SIGMA-PHASE EMBRITTLEMENT IN CHROMIUM AND CHROMIUM-NICKEL STEELS USED FOR CHEMICAL PLANT MANUFACTURE. Mar 64
Order from BISI £8 BISI-3582

Trans. of Chemie-Ingenieur-Technik (West Germany) 1963, [v. 35] no. 1, p. 29-36.

Riemann, W.
REHEATING ALLOY STEELS AS DEPENDENT ON COMPOSITION DIMENSIONS AND POSITION OF THE INGOT IN THE FURNACE. Mar 64.
Order from BISI £5 15s BISI-3440

Trans. of Stahl und Eisen (West Germany) 1963, v. 83 [no. 7] p. 398-406.

Rose, A. and Rademacher, L.
THE SOLUTION OF CARBIDES AND ITS IMPORTANCE FOR AUSTENITIZATION AND TRANSFORMATION BEHAVIOUR IN TOOL STEELS. Mar 64.
Order from BISI £7 10s BISI-3466

Trans. of Stahl und Eisen (West Germany) 1957, v. 77 [no. 7] p. 409-421.

Rosotte, R.
RAPID DETERMINATION OF TRACES OF BORON IN STEELS. Mar 64.
Order from BISI £3 BISI-3510

Trans. of Chimie Analytique (France) 1962, v. 44, May, p. 208-213.

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Order from BISI £4 5s BISI-3532

Trans. of Industrieblatt (West Germany) 1963 [v. 63] no. 4, p. 209-215.

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METHOD FOR IMPROVING THE MECHANICAL PROPERTIES OF EPSILON-PHASE-MARTENSITE-CONTAINING AUSTENITIC MANGANESE STEELS. Mar 64.
Order from BISI £3 10s BISI-3569

Trans. of [die] Technik (East Germany) 1963, v. 18 [no. 7] p. 469-473.

Seidel, Max.
SUPPLYING STEEL PLANTS WITH OXYGEN.
Feb/Mar 64, 6400words
Order from HB $15.50 HB-5598

Trans. of Stahl und Eisen (West Germany) 1962, v. 82, no. 5, p. 261-268.

Sofroni, L. and Cosneanu, C.
ON THE CHEMICAL COMPOSITION AND STRUCTURE OF PIG IRONS. Feb/Mar 64, 5200words
Order from HB $13.50 HB-5730

Trans. of Metalurgia si Constructia de Masini (Rumania) 1961, v. 13, no. 10, p. 847-857.

Zemskov, G. V., Kaidash, N. G., and Praven'kaya, L. L.
BORONIZING OF IRON AND STEEL IN VACUUM.
Feb/Mar 64, 850words
Order from HB $2.90 HB-6220

Trans. of #Metallovedenie i Term[icheskaya] Obrabotka Metallov (USSR) 1964, no. 3, p. 61-63.

Light Metals

Denisov, E. I.
DETERMINATION OF ALUMINUM OXIDE IN METALLIC ALUMINUM. Feb/Mar 64, 3400words
Order from HB $9.80 HB-6201

Trans. of Politekhn[icheskii] Institut, Leningrad. Trudy (USSR) 1959. no. 201, p. 102-109.

Fedorov, A. A. and Linkova, F. B.
ANALYSIS OF ALUMINUM METAL FOR ALUMINUM OXIDE CONTENT. Feb/Mar 64, 1300words
Order from HB $3.90 HB-6202

Trans. of Ts[entral'nyi] N[auchno]-I[ssledovatel'skii] I[nstitut] Ch[ernoi] M[etallurgii]. Sbornik Trudov (USSR) 1962, v. 24, p. 172-178.

Niessner, Moritz.
A PROCESS FOR THE IDENTIFICATION OF LIGHT METALS AND THEIR ALLOYS. [1964] 3p 1ref
Order from OTS, SLA, or ETC $1.10 TT-64-10134

Trans. of German patent 741, 982, cl. 42 l gr. 3 53 N 45753 IX b/421, patented 18 Jun 62, pub. 7 Oct 43.

Nonferrous (except light) Metals

USSR INDUSTRIAL DEVELOPMENT: SOVIET NONFERROUS METALLURGY NO. 83. 11 Feb 64, 51p
JPRS: 23183.
Order from OTS $1.50 TT-64-21538

Trans. of 17 selected articles, news briefs, and advertisements from 1963-64 issues of various Russian journals and newspapers.

Separate entries have been prepared for 3 articles.

USSR INDUSTRIAL DEVELOPMENT: SOVIET NONFERROUS METALLURGY NO. 87. 31 Mar 64, 20p
JPRS: 23962.
Order from OTS $0.75 TT-64-21954

Trans. of mono. Bogatstua Nedr Armenii, Erevan, 1963, p. 11-43 and a selected article from 28 Jan 64 issue of Bakinskii Rabochii.

A separate entry has been prepared for the translation of the mono.

Dadayan, G. A.
NONFERROUS METALS. 31 Mar 64, 20p JPRS: 23962 (p. 1-16).
Order from OTS $0.75 in TT-64-21954 (p. 1-16)

Trans. of mono. Bogatstua Nedr Armenii (The Subterranean Wealth of Armenia) Erevan, 1963, p. 11-43.

Dmitriev, L. M.
SEARCHING FOR NICKEL SULFIDE DEPOSITS IN THE TAGILMAGNITOGORSK SYNCLINORIUM OF THE URALS. 11 Feb 64, 9p 3refs JPRS: 23183 (p. 1-9).
Order from OTS $1.50 in TT-64-21538 (p. 1-9)

Trans. of Razvedka i Okhrana Nedr (USSR) 1963 [v. 29] no. 11, p. 9-14.

Eisenreich, H.
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U.S. DEPARTMENT OF COMMERCE FIELD OFFICES

SERVE THE BUSINESS COMMUNITY

The Department of Commerce maintains Field Offices to enable the business community to avail itself locally of Government facilities designed to promote commerce. Working closely with various units in the Department and, when necessary, with other Government agencies, the Field Offices provide business services to manufacturers, wholesalers, retailers, trade publications, trade associations, advertising agencies, research groups, financial institutions, and exporters and importers.

Experienced personnel will gladly assist in the solution of specific problems, explain the scope and meaning of regulations administered by the Department, and provide practical assistance in the broad field of domestic and foreign commerce. Field Offices act as official sales agents of the Superintendent of Documents, and maintain an extensive business reference library containing periodicals, directories, publications and reports from official as well as private sources.

Among the many services which businessmen have found of value are:

GENERAL

- Management and business aids
- Establishing a new business

BASIC ECONOMIC DATA

- Census data with national and often State and regional breakdowns, on manufacturing wholesaling, retailing, service industries, employment and unemployment, population, housing, agriculture
- Basic records of national income and product, regional trends, balance of payments, foreign aid

MARKETING AND DISTRIBUTION

- Development and maintenance of markets
- Distribution channels, facilities and services
- Marketing and distribution statistics

PRODUCTION

- Modernization of plant processes and other technological aids
- Development of new products
- Government-owned patents for free license
- Commodity standards

FOREIGN TRADE AND INVESTMENT

- Tariff and exchange regulations
- Import and export quotas, licensing regulations
- Statistics on imports and exports
- Investment and trade opportunities abroad
- Economic conditions in foreign countries

COOPERATIVE OFFICES

To make the services of the Department of Commerce more widely available, agreements have been entered into with more than 750 Chambers of Commerce, Manufacturers Associations, and similar business groups under which these organizations have become official Cooperative Offices of the Department. If specific information is not on hand in the Cooperative Office, your problem will be referred to the nearest Departmental field office.

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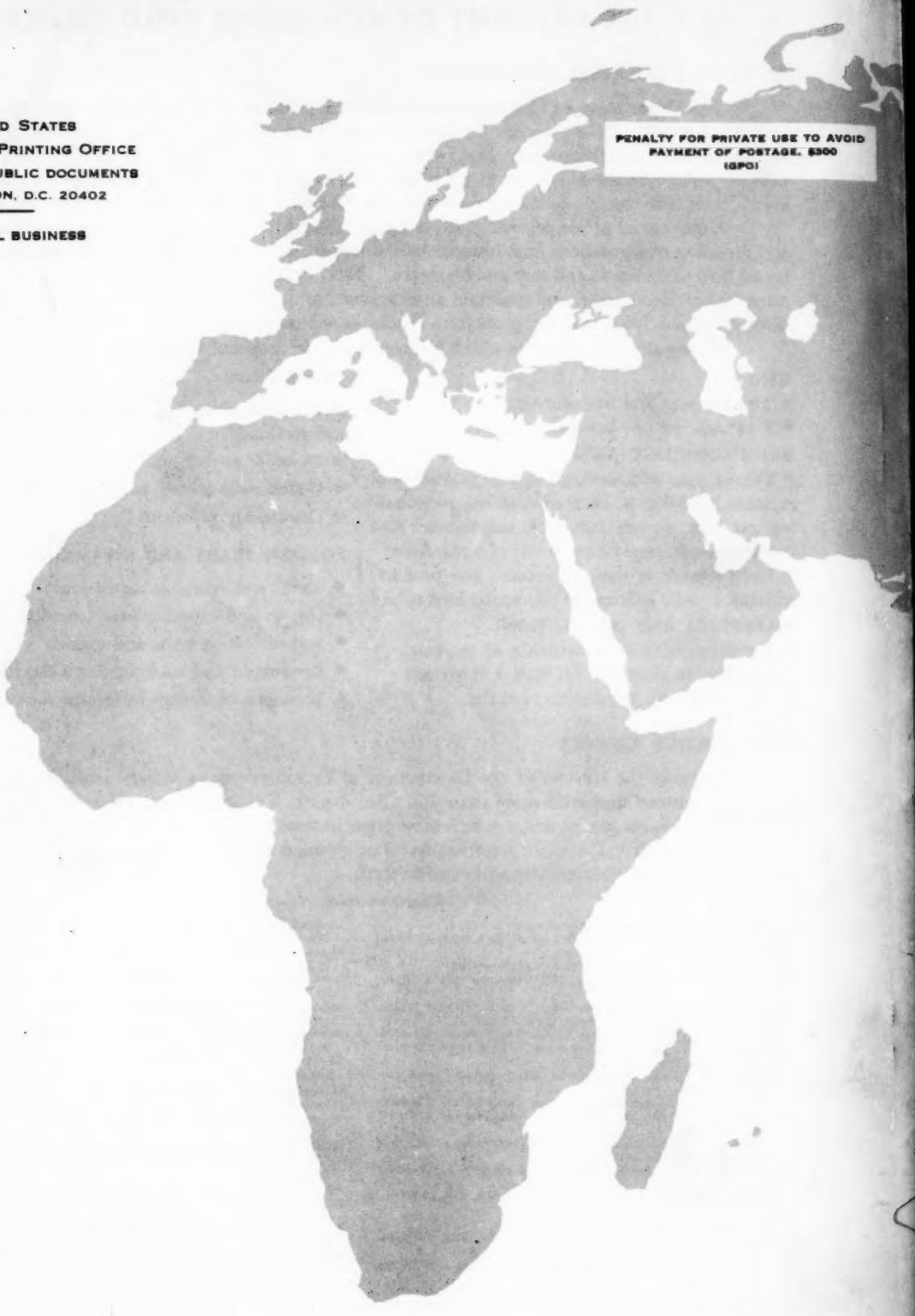

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